

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number  
**WO 2005/053923 A1**

(51) International Patent Classification<sup>7</sup>: **B27K 3/34**,  
A01N 63/04, C12R 1/01, C09D 5/16, B05D 7/06

(74) Agent: WINCKELS, J.H.F.; Johan de Wittlaan 7,  
NL-2517 JR Den Haag (NL).

(21) International Application Number:  
PCT/NL2004/000831

(22) International Filing Date: 1 December 2004 (01.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03078774.1 1 December 2003 (01.12.2003) EP

(71) Applicant (for all designated States except US): NED-  
ERLANDSE ORGANISATIE VOOR TOEGEPAST-  
NATUURWETENS- CHAPPELIJK ONDERZOEK  
TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft  
(NL).

(72) Inventor; and

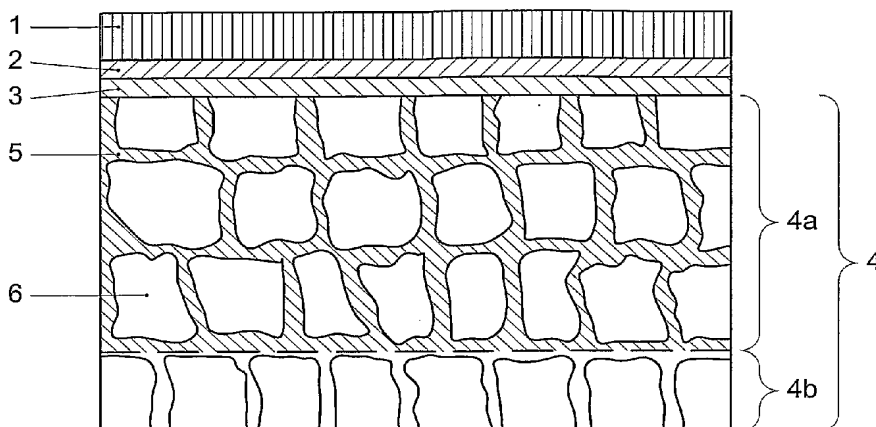
(75) Inventor/Applicant (for US only): SAILER, Michael,  
Fritz [DE/NL]; Rietveld 72, NL-2611 LM Delft (NL).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: ECOLOGICALLY PROTECTED MATERIAL



(57) Abstract: The present invention relates to an ecological protected material, comprising a base material (4) provided with a water-insoluble substance, a growth substrate and a micro-organism layer. The invention further relates to a method for preparing a material according to the invention, comprising providing a base material with a water-insoluble substance, a growth substrate and a micro-organism.

WO 2005/053923 A1



**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*